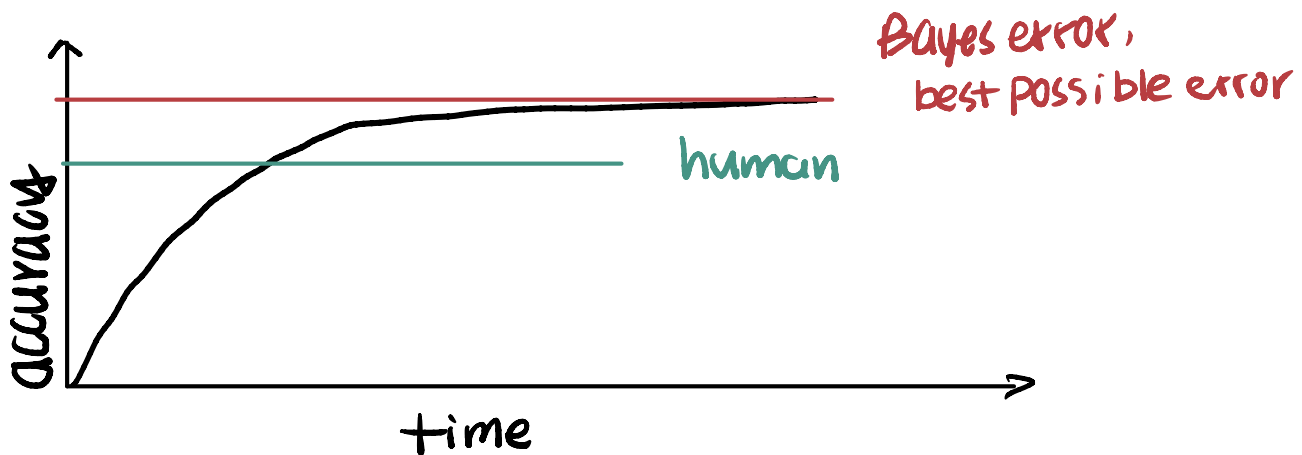# Why Human Level performance

Human are quite good at a lot of tasks. So long as ML is worse than human, You can:

- Get labeled data from human
- Gain insight from manual error analysis:
    Why did a person get this right ?
- Better analysis of bias / Variance.

Summary of bias/Variance with human-level performance

Human-level error

⇕ "Avoidable bias"

Training error

⇕ " Variance "

Dev error

- Train bigger model
- Train longer/better optimization algorithm
- NN architecture/ hyperparameter search.

- more data
- Regularization
- NN architecture/ hyperparameter Search